

IN THE CLAIMS:

Please cancel all pending claims without prejudice to or disclaimer of the subject matter contained therein, and add new Claims 76-85 as set forth below.

76.³⁸ (New) An aquaculture feed composition comprising microflora selected from order Thraustochytriales wherein said microflora is cultured in a culture medium containing a non-chloride sodium salt as a primary source of sodium ion.

77.³⁹ (New) The aquaculture feed composition of Claim 76, wherein said microflora is selected from the group consisting of *Thraustochytrium*, *Schizochytrium*, and mixtures thereof.

78.⁴⁰ (New) The aquaculture feed composition of Claim 76, wherein said *Thraustochytrium*, *Schizochytrium*, and mixtures thereof, have all of the identifying characteristics of an organism selected from the group consisting of ATCC Nos. 20888, 20889, 20890, 20891, and 20892, and mutants thereof, wherein said mutants have an omega-3 highly unsaturated fatty acid content of at least about 0.5% dry weight.

79.⁴¹ (New) The aquaculture feed composition of Claim 76, wherein said primary source of sodium ion is sodium sulfate.

80.⁴² (New) The aquaculture feed composition of Claim 76, wherein said culture medium contains less than about 3 g of chloride per liter of culture medium.

81.⁴³ (New) The aquaculture feed composition of Claim 79, wherein a concentration of said sodium sulfate in said culture medium is between about 6 g/l and about 309 g/l.

82.⁴⁴ (New) The aquaculture feed composition of Claim 76, wherein said microflora have a sterol content of at least about 0.1% ash-free dry weight.

45
83. (New) The aquaculture feed composition of Claim 76, wherein said microflora have a cholesterol content of at least about 15% of the total sterol content.

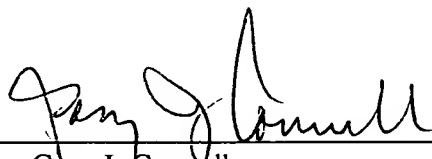
46
84. (New) The aquaculture feed composition of Claim 76, wherein said microflora have a cell aggregate size less than about 100 microns.

47
85. (New) The aquaculture feed composition of Claim 76, wherein said microflora have a cell aggregate size less than about 50 microns.

Respectfully submitted,

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